

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2817
as
032752

In re Patent Application of

MATHEUS et al

Atty. Ref.: 2789-38

Serial No. 09/867,711

Group: 2817

Filed: May 31, 2001

Examiner: unknown

For: FREQUENCY TRACKING DEVICE FOR A RECEIVER
OF A MULTI-CARRIER COMMUNICATION SYSTEM

* * * * *



Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. The attached form PTO-1449 is partially based on a European Search Report with respect to this disclosure.

The partial translations were provided to the undersigned by the applicants' foreign representative. The undersigned has no knowledge regarding the pertinency of the partially translated portions vis-à-vis the document as a whole. The partial translations are merely provided for whatever convenience they may be.

Official citation and consideration of all the attached documents is requested. Please return to the undersigned a copy of the attached PTO-1449 with the examiner's initials in the left column [MPEP §609] with the next communication.

The filing of an Information Disclosure Statement shall not be construed as a representation that a search has been made [37 C.F.R. § 1.97(g)], an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists. Further, the filing of an Information Disclosure Statement

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shall not be construed as an admission against interest in any manner [Commissioner's
Notice of January 9, 1992, 1135 O.G. 12-25 at 25].

Respectfully submitted,
NIXON & VANDERHYE P.C.

October 24, 2001

By: _____



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INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	2789-38	09/867,711
(Use several sheets if necessary)	APPLICANT	
	MATHEUS et al	
	FILING DATE	GROUP
	May 31, 2001	2817

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, May 1990	
	Stüber, "Modulation Methods", <i>Wireless</i> , 1997, pp. 1353-1366	
	Von Karl Dirk Kammeyer et al, "Synchronization Problems in Digital Multicarrier Systems", 2213 <i>Frequenz</i> , 47 (1993) Mai/Juni, No. 5/6, Berlin, DE, pp. 159-166	
	Cimini, Jr, "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transaction on Communications, vol. COM-33, No. 7, July 1985, pp. 665-675	
*Examiner		Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.